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IDENTIFIER:
TITLE: CROWNED TYPE SYNTHETIC RESIN HOLDER FOR BALL
BEARING
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INVENTOR-INFORMATION:

NAME	COUNTRY
YASUI, KEIGO	
ARITOME, MASATO	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
KOYO SEIKO CO LTDN/A	

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ABSTRACT:

PURPOSE: To improve lubricating performance in a pocket section by providing pocket sections opened to the circumference of one end face of an annular body and having spherical inside surfaces respectively for holding balls at equal intervals of the circumference and affording communication between the pocket sections and back notches in the circumference of the other end face through small through holes.

CONSTITUTION: On the circumference of one axial end face 21a of an annular body 21 of a crowned type synthetic resin holder 20 are provided pocket portions 22 having spherical inside surfaces for holding balls at equal intervals of the circumference and the opening side edge 22a is flush with a flat portion between the pocket sections 22. Recessed portions 23 formed in the approximately central portions of the opening side edges 22a of respective pocket sections 22 do not communicate to each other. Also, on the circumference of the other end face 21b of the annular body 21 are provided recessed back notches 24 located between the respective pocket sections 22 and small through holes 25 affording communication between the respective pocket sections 22 so that oil content in grease seepages gradually

from the recessed portion 23 or 24 through the hole 25 onto the inside surface of the pocket section 22 to lubricate balls.

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